

DETAILED ACTION

Election/Restrictions

This application is in condition for allowance except for the presence of claims 1-13 directed to an invention non-elected without traverse. Accordingly, claims 1-13 been cancelled.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Charles Peterson on 3/11/2010.

The application has been amended as follows:

In the Title

~~On-demand accessibility services~~ Method and computer program product for providing accessibility services on demand

In the Specification

Please amend paragraph [0001] on page 1 as follows:

[0001] The present invention is related to on-demand accessibility services ~~semiconductor device manufacturing and more particularly to forming durable chip connection pads for semiconductor integrated circuit (IC) chips.~~ an accessibility tool that provides accessibility services on the fly and cost efficiently tailored to the specific situation and to the needs of the particular individual availing herself or himself of the accessibility services.

In the Claims

14. (Currently Amended) A computer program product for providing accessibility services on demand, said computer program product comprising a computer usable medium having computer readable program code stored thereon, said computer readable program code comprising:

computer readable program code means for receiving media content in a pre-existing content format;

computer readable program code means for extracting conversion information from received said media content, extracted said information including a type of conversion from said pre-existing content format to a selected accessible format, said

Art Unit: 3625

selected accessible format providing accessibility to said media by individuals not having accessibility in said pre-existing content format;

computer readable program code means for distributing extracted said information to a plurality of prospective service providers;

computer readable program code means for requesting quotes from said plurality of prospective service providers and receiving bids for converting received selected media content responsive to said distributed extracted information and requests for said quotes;

computer readable program code means for identifying service providers for conversion responsive to received said bids from said plurality of prospective service providers; and

computer readable program code means for training automatic conversion of said selected media content being converted by identified said service providers[.];

wherein the computer readable program code means for extracting conversion information comprises:

computer readable program code means for analyzing said media content and determining a conversion type being requested;

computer readable program code means for distilling said media content into content components responsive to a determined said type of conversion;

computer readable program code means for finding paths to said prospective service providers for each of said content components responsive to said determined type of conversion; and

Art Unit: 3625

computer readable program code means for selecting a most efficient path among said paths for said each of said content components.

15. (Cancelled)

22. (Currently Amended) A method of providing accessibility services on demand comprising the steps of:

a) receiving media content in a pre-existing content format; b) extracting conversion information from received said media content, extracted said information including a type of conversion from said pre-existing content format to a selected accessible format, said selected accessible format providing accessibility to said media by individuals not having accessibility in said pre-existing content format;

c) distributing extracted said conversion information with a request for bids to a plurality of prospective service providers;

d) receiving bids for converting received selected media content from said plurality of prospective service providers;

e) identifying by a transformation and augmentation unit service providers for conversion responsive to received said bids from said plurality of prospective service providers; and

f) distributing said selected media content to identified said service providers for conversion[.];

wherein step (b) of extracting conversion information comprises the steps of:

analyzing said media content and determining a conversion type being requested;

distilling said media content into content components and conversion related factors responsive to a determined said type of conversion; and

wherein the step (e) of identifying service providers comprises the steps of: finding paths to said prospective service providers for each of said content components responsive to said determined type of conversion;

selecting a most efficient path among said paths for said each of said content components, said most efficient path being the path having the highest likelihood of completion for the lowest cost;

25. (Currently Amended) A method of providing accessibility services on demand as in claim 22, wherein a database of previous estimates is being maintained and the step (b) of extracting conversion information further comprises the ~~steps~~ step of:

i) ~~analyzing said media content and determining a conversion type being requested;~~

ii) ~~distilling said media content into content components and conversion related factors responsive to a determined said type of conversion; and~~ ~~[[iii]]~~ providing estimates responsive to said conversion related factors.

Art Unit: 3625

27. (Currently Amended) A method of providing accessibility services on demand as in claim 26, wherein the step (e) of identifying service providers further comprises the steps of:

- i) comparing said service provider bids with said estimates;
- ii) resolving conflicts with said prospective service providers; and
- iii) ~~finding paths to said prospective service providers for each of said content components responsive to said determined type of conversion;~~
- iv) ~~selecting a most efficient path among said paths for said each of said content components, said most efficient path being the path having the highest likelihood of completion for the lowest cost; and~~ [(v)] adjusting said previous estimates in said database responsive to feedback regarding reliability of said previous estimates.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

The present invention is directed towards a method and computer program product for providing accessibility services on demand. Independent claims 14 and 22 each teach the novel features of: finding paths to prospective service providers of accessibility services for each of a plurality of determined content components responsive to a determined type of conversion involved in providing accessibility services and subsequently selecting a most efficient path among said paths for said each of said content components, said most efficient path being the path having the highest likelihood of completion for the lowest cost;

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 3625

The following reference has been identified as the most relevant prior art to the claimed invention(s). The prior art generally relates to providing accessibility services. Basson et al. (US 20020138616 A1) discloses a web accessibility service apparatus and method. Basson et al. does not anticipate nor render obvious: finding paths to prospective service providers of accessibility services for each of a plurality of determined content components responsive to a determined type of conversion involved in providing accessibility services and subsequently selecting a most efficient path among said paths for said each of said content components, said most efficient path being the path having the highest likelihood of completion for the lowest cost;

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Kanevsky et al. (US 6665642 B2)
- Levine et al. (US 6714963 B1)
- Dunn (US 6981246 B2)
- Said et al. (US 20040218451 A1)
- Janakiraman et al. (US 20020158903 A1)
- “Evaluation and Enhancement of Web Content Accessibility for Persons with Disabilities” by Xiaoming Zeng (PTO-892 Reference U)

Art Unit: 3625

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MICHAEL MISIASZEK whose telephone number is (571)272-6961. The examiner can normally be reached on 9:00 AM - 5:30 PM, Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Smith can be reached on (571) 272-6763. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jeffrey A. Smith/
Supervisory Patent Examiner, Art
Unit 3625

Michael A. Misiaszek
Patent Examiner
3/13/2010